

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| S95 | 73 | piezoelectric with (pump micropump) with channel and (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:41 |
| S96 | 18424 | piezoelectric with (pump micropump) same throttl\$4 and channel with (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:41 |
| S97 | 0 | piezoelectric with (pump micropump) same throttl\$4 and channel with (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:41 |
| S98 | 140 | piezoelectric with (pump micropump) same (flexible membrane diaphragm) and channel with (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:42 |
| S99 | 1 | piezoelectric with (pump micropump) same (flexible membrane diaphragm) and throttl\$4 and channel with (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:43 |
| S100 | 5 | piezoelectric with (pump micropump) same (flexible membrane diaphragm) and (choke throttl\$4) and channel with (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:45 |
| S101 | 0 | piezoelectric with (pump micropump) same (flexible membrane diaphragm) same (choke throttl\$4) and channel with (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:45 |

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| S102 | 140 | piezoelectric with (pump micropump) same (flexible membrane diaphragm) and channel with (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:45 |
| S103 | 0 | piezoelectric same throttl\$3 same (flexible membrane diaphragm) and channel with (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:47 |
| S104 | 1 | piezoelectric same throttl\$3 same (flexible membrane diaphragm) and channel and (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:47 |
| S105 | 2 | piezoelectric same throttl\$3 and channel and (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:48 |
| S106 | 1 | chamber with piezoelectric same throttl\$3 and channel and (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:49 |
| S107 | 2 | chamber same piezoelectric same throttl\$3 and channel and (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:49 |
| S108 | 1 | piezoelectric with pump \$3 and piezoelectric with throttl\$3 and channel and (capillar\$5 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:50 |
| S109 | 1 | piezoelectric with pump \$3 and piezoelectric with throttl\$3 and (capillar\$5 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:50 |
| S110 | 5 | piezoelectric with pump \$3 and piezoelectric with throttl\$3 and channel | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:50 |
| S111 | 22 | piezoelectric with pump \$3 and piezoelectric with throttl\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/19 14:52 |

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| S112 | 1 | piezoelectric with pump \$3 and piezoelectric with throttl\$3 and (microfluid\$4 capillar \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:49 |
| S113 | 2 | piezoelectric with pump \$3 and piezoelectric same throttl\$3 and (microfluid\$4 capillar \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:49 |
| S114 | 19 | ("20020042125" "20020124896" "20020172969" "20040200724" "20050247866" "4252664" "5725363" "5846396" "6033628" "6068752" "6176962" "6251343" "6254754" "6447661" "6602791" "6716002" "6734424" "6838055" "7192559").PN. | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:52 |
| S115 | 1 | S114 and throttl\$4 | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:52 |
| S116 | 101 | (micropump pump\$3) with throttl\$3 and (micropump pump\$4) with (microfluid\$4 capillar\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:53 |
| S117 | 12 | (micropump pump\$3) with throttl\$3 and (micropump pump\$4) with (microfluid\$4 capillar\$4) and piezoelectric | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:53 |
| S118 | 101 | (micropump pump\$3) with throttl\$3 and (micropump pump\$4) with (microfluid\$4 capillar\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:56 |
| S119 | 248949 | ((("422") or ("73") or ("436")).CLAS. | US-PGPUB; USPAT | OR | OFF | 2009/10/22 09:56 |
| S120 | 20 | S119 and (micropump pump\$3) with throttl\$3 and (micropump pump \$4) with (microfluid\$4 capillar\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:56 |

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| S121 | 621 | S119 and (micropump pump\$3) with throttl\$3 and (micropump pump \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:58 |
| S122 | 39 | S119 and (micropump pump\$3) with throttl\$3 and (micropump pump \$4) and piezoelectric | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:58 |
| S123 | 58 | S119 and (micropump pump\$3) with throttl\$3 and (micropump pump \$4) and (microfluid\$4 capillar\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:59 |
| S124 | 58 | S119 and (micropump pump\$3) with throttl\$3 and (microfluid\$4 capillar\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 09:59 |
| S125 | 38 | S119 and (micropump pump\$3) with throttl\$3 and (microfluid\$4 capillar\$4) not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:00 |
| S126 | 69 | S119 and (micropump pump\$3) with throttl\$3 and (microfluid\$4 capillar\$4 biochip chip) not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:00 |
| S127 | 79 | S119 and (micropump pump\$3) with (choke throttl\$3) and (microfluid\$4 capillar\$4 biochip chip) not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:05 |
| S128 | 46 | S119 and (micropump pump\$3) with (choke throttl\$3) and (microfluid\$4 capillar \$4) not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:05 |
| S129 | 3 | S119 and (micropump pump\$3) with (choke throttl\$3) and (microfluid\$4 capillar \$4) with channel not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:05 |
| S130 | 20 | (micropump pump\$3) near5 (choke throttl\$3) and (microfluid\$4 capillar\$4) with channel not S120 | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:07 |
| S131 | 4 | (choke throttl\$3) with pressure adj differential with direction and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:10 |

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| S132 | 7 | (choke throttl\$3) with pressure near1 differential with direction and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:11 |
| S133 | 87 | (choke throttl\$3) with pressure near1 differential and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:12 |
| S134 | 13 | S119 and (choke throttl\$3) with pressure near1 differential and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:12 |
| S135 | 9 | S119 and (choke throttl\$3) with pressure near1 differential and (capillar\$4 microfluid\$4) and (pump\$4 micropump\$3) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:13 |
| S136 | 58 | pressure near1 differential with control\$4 with direction and (capillar\$4 microfluid\$4) and (pump\$4 micropump\$3) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:24 |
| S137 | 16 | S119 and pressure near1 differential with control\$4 with direction and (capillar\$4 microfluid\$4) and (pump\$4 micropump\$3) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:25 |
| S138 | 0 | S119 and pressure near1 differential same (channel) with (dimension size diameter) same control\$4 with direction and (capillar\$4 microfluid\$4) and (pump\$4 micropump\$3) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:28 |
| S139 | 0 | S119 and pressure near1 differential same (channel) with (dimension size diameter) same control\$4 with direction and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:28 |

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| S140 | 0 | pressure near1 differential same (channel) with (dimension size diameter) same control \$4 with direction and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:29 |
| S141 | 8 | pressure near1 differential same (channel) with (dimension size diameter) same direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:29 |
| S142 | 297 | pressure same (channel) with (dimension size diameter) same direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:30 |
| S143 | 11 | pressure same (channel) with (dimension size diameter) same control \$4 with direction and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:30 |
| S144 | 31 | pressure with (channel) with (dimension size diameter) with direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:36 |
| S145 | 2 | S119 and pressure with (channel) with (dimension size diameter) with direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:36 |
| S146 | 117 | S119 and pressure with (stop) near2 (flow junction) and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:37 |
| S147 | 0 | (channel) with manipulat\$4 near2 (dimension size diameter) with direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:41 |

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| S148 | 944 | (channel) with (dimension size diameter) with direction and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:41 |
| S149 | 3 | (channel) with (dimension size diameter) with control \$4 near1 direction and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:41 |
| S150 | 7 | S119 and pressure with (stop) near2 (flow junction) with (pump\$4 micropump\$4) and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:44 |
| S151 | 5 | (restrictor) with pressure near1 differential with direction and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:45 |
| S152 | 118 | channel near2 length with pressure near1 differential and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:49 |
| S153 | 36 | S119 and channel near2 length with pressure near1 differential and (capillar \$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:49 |
| S154 | 17 | S119 and channel near2 length with pressure near1 differential same (pump \$4 micropump) and (capillar\$4 microfluid \$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:50 |
| S155 | 14 | S119 and (pressure near1 differen\$5 resistance) with outlet with inlet with direction and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 10:56 |
| S156 | 0 | S119 and (pressure near1 differen\$5 resistance) with outlet with inlet same control \$4 near1 direction same channel near2 length and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:00 |

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| S157 | 126 | S119 and (pressure near1 differen\$5 resistance) with channel near2 length and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:00 |
| S158 | 2 | S119 and (pressure near1 differen\$5 resistance) with channel near2 length with inlet with outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:01 |
| S159 | 89 | (pressure near1 differen\$5 resistance) with length with inlet with outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:03 |
| S160 | 29 | S119 and (pressure near1 differen\$5 resistance) with length with inlet with outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:03 |
| S161 | 0 | (pressure near1 differen\$5 resistance) with length near1 inlet with length near1 outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:07 |
| S162 | 26035 | (pressure near1 differen\$5 resistance) with (manipulat\$4 differen\$4) near2 length inlet with outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:07 |
| S163 | 3 | (pressure near1 differen\$5 resistance) with (manipulat\$4 differen\$4) near2 length with inlet with outlet and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:07 |
| S164 | 101 | (pressure near1 differen\$5 resistance) with (manipulat\$4 differen\$4) near2 length with channel and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:09 |

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| S165 | 44 | S119 and (pressure near1 differen\$5 resistance) with (manipulat\$4 differen\$4) near2 length with channel and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:09 |
| S166 | 2 | S119 and (pressure near1 differen\$5 resistance) with (length near1 channel) with direction with flow and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:13 |
| S167 | 117 | piezoelectric with (pump\$4 micropump\$4) and (capillar\$4 microfluid\$4) and substrate with layer\$3 and (through-hole through adj hole) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:20 |
| S168 | 6 | piezoelectric with (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and substrate with layer\$3 and (through-hole through adj hole) | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:20 |
| S169 | 16 | piezoelectric with (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and substrate with layer\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:21 |
| S170 | 45 | piezoelectric with (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and layer\$3 | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:24 |
| S171 | 29 | piezoelectric with (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and layer\$3 not S169 | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:24 |
| S172 | 1 | piezoelectric with (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and layer\$3 and layer\$3 with (aperture through-hole through adj hole bore) not S169 | US-PGPUB; USPAT | OR | ON | 2009/10/22 11:25 |

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| S173 | 37 | piezoelectric with (pump\$4 micropump\$4) and (pump\$4 micropump\$4) with layer and (capillar\$4 microfluid\$4) and layer\$3 and layer\$3 with (aperture through-hole through adj hole bore) not S169 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:13 |
| S174 | 8 | (pressure near1 differen\$5 resistance) with (length near1 channel) with direction with flow and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:15 |
| S175 | 25 | (pressure near1 differen\$5 resistance) with (length near1 channel) same control\$4 with direction with flow and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:17 |
| S176 | 25 | (pressure near1 differen\$5 resistance) with (length near1 channel) same control\$4 with direction with flow and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:17 |
| S177 | 0 | (pressure near1 differen\$5 resistance) with (relationship dependent) with (length near1 channel) same control\$4 with direction with flow and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:19 |
| S178 | 0 | (pressure resistance) with (relationship dependent) with (length near1 channel) same control\$4 with direction with flow and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:19 |
| S179 | 10 | (inlet) with outlet with (length) same control\$4 with direction with flow and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:21 |

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| S180 | 21 | channel with dimension with control\$4 with direction with flow and (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:21 |
| S181 | 12 | channel with length with control\$4 with direction with flow and (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:24 |
| S182 | 421 | channel with length with resistance and (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:29 |
| S183 | 59 | control\$4 with direction with flow with resistance and (capillar \$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:31 |
| S184 | 8 | control\$4 with direction with flow with flow adj resistance and (capillar \$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:32 |
| S185 | 1 | direction with flow adj resistance with inlet with greater with outlet and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:34 |
| S186 | 11 | flow adj resistance with inlet with greater with outlet and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:34 |
| S187 | 4 | flow adj resistance near2 (less greater) with inlet with outlet and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:35 |
| S188 | 1 | balachandran.in. and flow adj resistance near2 (less greater) with inlet with outlet and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 12:37 |
| S189 | 46 | "048389" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 12:38 |

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| S190 | 57 | "048847" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 12:40 |
| S191 | 0 | "03/048389" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 12:41 |
| S192 | 4 | "03048389" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/22 12:41 |
| S193 | 134 | flow adj resistance with inlet with outlet and (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:42 |
| S194 | 23 | (micropump\$4 pump \$4) with flow adj resistance with inlet with outlet and (capillar \$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:43 |
| S195 | 2 | flow adj resistance with inlet with outlet with length near2 channel and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:45 |
| S196 | 15 | flow adj resistance with inlet with outlet with length and (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:45 |
| S197 | 100 | flow adj resistance with length with (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:47 |
| S198 | 30217 | flow adj resistance (relationship related) with length with (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:47 |
| S199 | 1 | flow adj resistance with (relationship related) with length near2 (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:47 |

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| S200 | 1 | flow adj resistance with (relationship related) with length with (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:48 |
| S201 | 1 | flow adj resistance with (relationship related) with length same (capillar\$4 microfluid \$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:48 |
| S202 | 5 | flow adj resistance with (alter\$4 chang\$4) with length same (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:50 |
| S203 | 3 | flow adj resistance with (longer) with (channel length) with greater same (capillar\$4 microfluid\$4) not S174 | US-PGPUB; USPAT | OR | ON | 2009/10/22 12:52 |
| S204 | 19 | (US-20030203271-\$ or US-20040200724-\$ or US-20020039280-\$ or US-20020098124-\$ or US-20020037499-\$ or US-20020155010-\$ or US-20030143122-\$ or US-20060246431-\$ or US-20020033337-\$ or US-20020019059-\$). did. or (US-6068752-\$ or US-6602791-\$ or US-5846396-\$ or US-6251343-\$ or US-6749813-\$ or US-6644944-\$ or US-5474796-\$ or US-5759015-\$ or US-6458325-\$). did. | US-PGPUB; USPAT | OR | OFF | 2009/10/22 15:41 |
| S205 | 18 | S204 and layer | US-PGPUB; USPAT | OR | ON | 2009/10/22 15:42 |
| S206 | 8 | S204 and layer and piezoelectric | US-PGPUB; USPAT | OR | ON | 2009/10/22 15:42 |
| S207 | 5 | S204 and flow adj resistance | US-PGPUB; USPAT | OR | ON | 2009/10/22 16:57 |
| S208 | 8 | (pressure near1 differen \$5 resistance) with (length near1 channel) with direction with flow and (capillar\$4 microfluid\$4) | US-PGPUB; USPAT | OR | ON | 2009/10/23 11:08 |

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| S209 | 0 | flow adj resistance with (shorter) with (channel length) with greater same (capillar\$4 microfluid\$4) not S208 | US-PGPUB; USPAT | OR | ON | 2009/10/23 11:08 |
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10/ 23/ 2009 12:56:18 PM

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